

## PROJECT PROFILE: FRITO-LAY

### DESIGN-BUILD AEROBIC TREATMENT PLANT

ISC constructed a new 1.05 MGD design build biological treatment plant for Frito-Lay's RTE processing facility located in Jonesboro, Arkansas.

ISC was able to save Frito-Lay over \$4 million dollars in capital expenditures compared to the solutions offered by our competitors.

The high rate activated sludge system was designed to remove BOD, TSS and oil & grease from wastewater which has been screened and treated through a first stage gravity clarifier. The system allows the wastewater operator to return sludge to the CMAS reactor if needed to achieve desired effluent quality.



### INTEGRAL COMPONENTS

- 100' Dia Bolted Stainless Steel Tank
- Two Chamber Lift Station
- Dissolved Air Flotation Cells
- Flocculation Tanks
- Remote System Computer Controls
- Treatment Building
- Jet Aeration/Mixing Station
- Chemical Feed Building
- Sludge Storage/Loading Area
- RAS/WAS Pump Station
- Laboratory
- Influent/Effluent Pump Stations



**"Your satisfaction is our core motivation."**